

Batsanov, S. S., Mazalov, L. N., and Chirkov, V. I.
CALCULATION OF THE REFRACTION OF IONS OF
"NON-NOBLE" GASES (Raschet Refraktzii "Neblogo-
rodnogazovykh" Ionov). [1962] [20]p. (foreign text in-
cluded) 28 refs.

Order from OTS or SLA \$1. 60

62-14575

Trans. of Akademiya Nauk SSSR. Sibirskoe Otdelenie.
Izvestiya, 1961, no. 2, p. 121-125.

DESCRIPTORS: *Gases, *Ions, *Refraction, *Electrons,
Polarization, *Perturbation theory, Special functions

The assumption was expressed that the screening con-
stants for the 3d- and 4d-electron shells calculated by
the Slater rules are overestimated by the value of the
outer screening. Using this assumption, the ionic re-
fractions of all elements of the "b" subgroups calculated
by a method of the perturbation theory were in good
agreement with the experiment. For the first time
(Physics, IT, v. 8, no. 6) (over)

62-14575

I. Batsanov, S. S.
II. Mazalov, L. N.
III. Chirkov, V. I.

C222807

Office of Technical Services

An Optical Study of Uranium Tetrafluoride Crystal
Hydrates, by S.S. Batsanov and Yu. V. Gagarinskii,
6 pp.

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No 3, 1963, pp 387-394.

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II, by V. I. Baranov, S. S. Kabanov, 6 pp.**

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III. The Use of Refractometry in the Quantitative
Characterization of the Trans-Effect, by S. S. Batsanov
O. P. Aleksnadrova, 6 pp.

RUSSIAN, per, & Zhur Neorgan Khim, Vol III, No 12,
1958, pp 2666-2670.

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Covalent Refractions of Metals, by S. S. Batsanov, 5 pp

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RELATIONSHIP BETWEEN REFRACTION AND
IONIZATION POTENTIALS OF ATOMS [Vzaimosvyaz'
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Order from ATS \$5.15 ATS-59N53R

Trans. of #Optika i Spektroskopiya (USSR) 1959, v. 6,
no. 3, p. 412-415.

DESCRIPTORS: *Atoms, *Ions, Refraction, Ionization
potentials.

(Physics, TT, v. 6, no. 6)

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III. Associated Technical
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East Orange, N. J.

AT 7/25/69

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Mixed Thallium Chalcogenides. III., by
S. S. Batsanov, I. Kh. Petrova, & FP.

RUSSIAN, per, Iz Sibirskogo Otdel Ak Nauk
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by S. S. Batsanov, V. I. Durakov, 7 pp.

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Apr 61

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The Refraction of the Hydrogen Bond in Inorganic
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No 6, 1955, pp 688-729.

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Hans George Voelker
2135 Spruce St.
Philadelphia 3, Pa.

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Manganese Oxy- and Halo-Sulphides, by S. S.
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**RUSSIAN, mono Elektrootritsatel'nost' Elementov i
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CIA/FID/X-1611

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The Infrared Spectra of Fluorides of the Rare Earth
Metals, by L.P. Batsanova, G.N. Grigor'eva et al,
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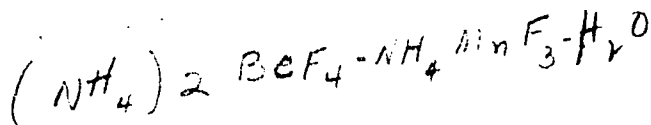
Study of the System $(NH_4)_2BeF_4-NH_4BeF_3-H_2O$, by A. V. Potomina, A. V. Potomelova, 4 pp. R

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L. R. Batsanove

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(NY-6757)

The Problem of Detection and Treatment of
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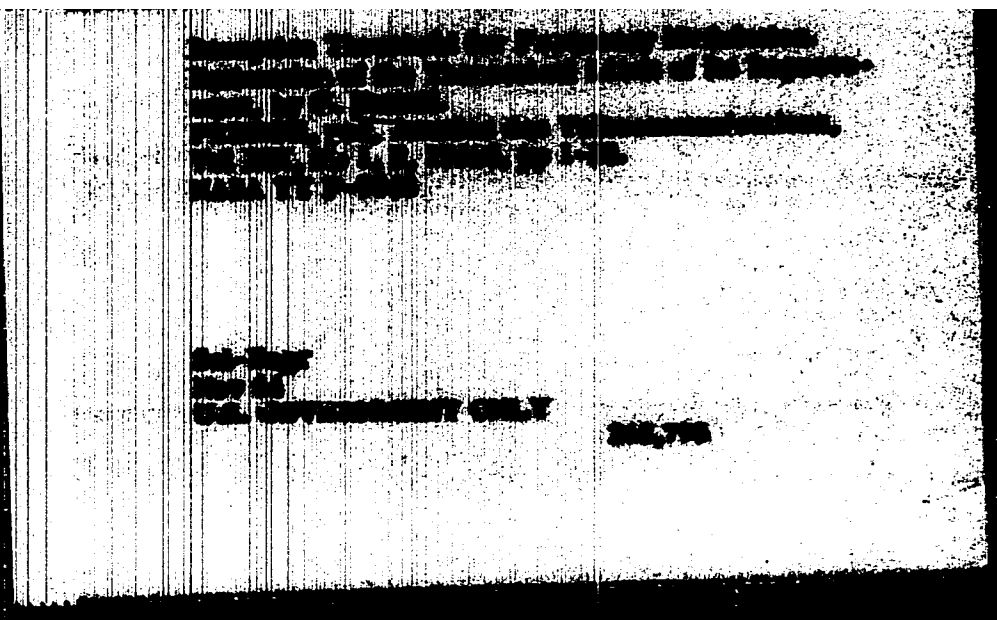
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SLA 59-10024

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E. BATTIG

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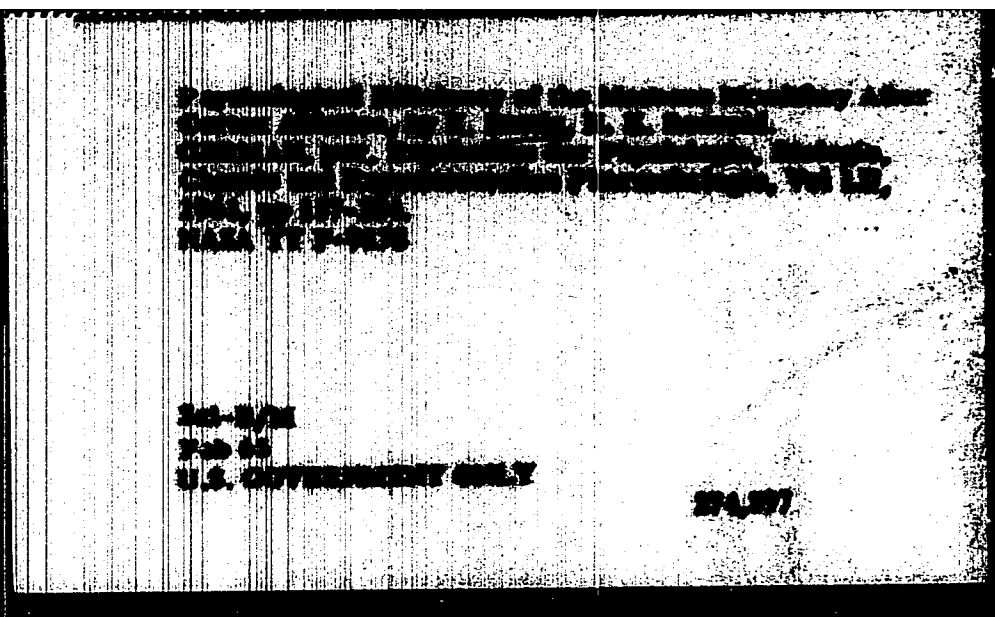
Aug 67

335-642

Investigation of the Operations Abroad of the
FBI, U.S. Department of Justice
Operations of the U.S. Department of Justice
Operations of the U.S. Department of Justice
Operations of the U.S. Department of Justice

U.S. DEPARTMENT OF JUSTICE
FBI
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274,890





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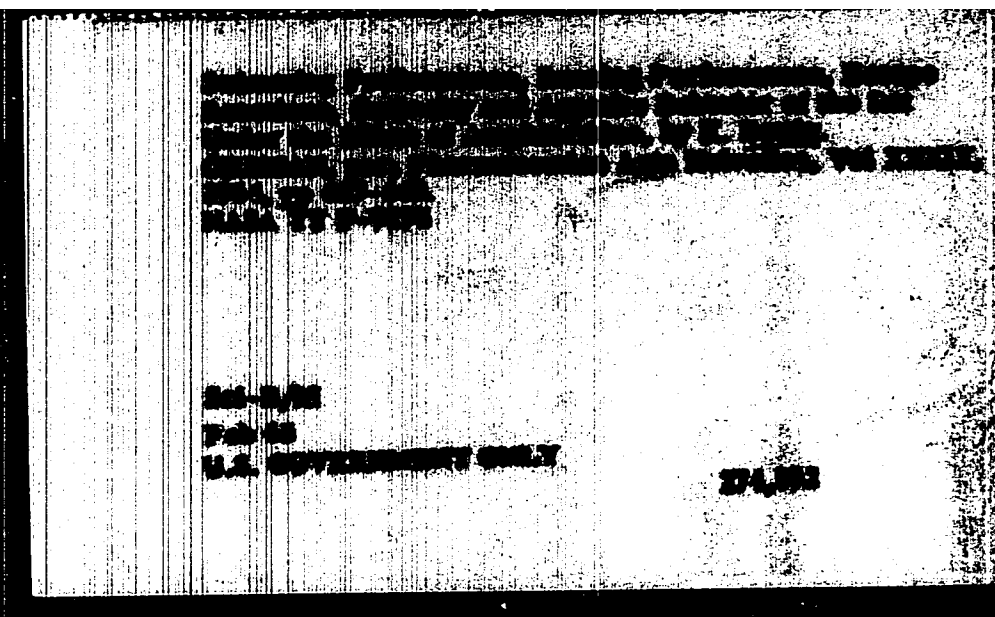
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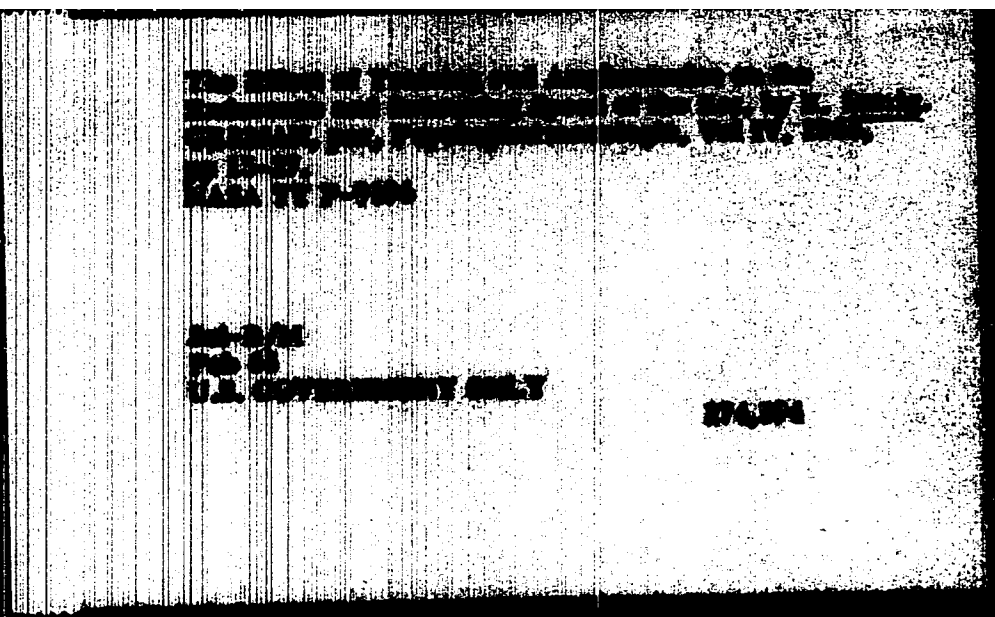
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274,300







THE BUREAU OF INFORMATIONAL SERVICES OF THE
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NO. 1
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SLA-59-12343

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JPR 15844

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MONGOLIAN, NP, UNEN, 22 JUN 1962, P 2.

JPRS 14929

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SEP 62

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THE EFFECT OF CHLORPROMAZINE ON THE
REFLECTION OF LIGHT AND SOUND STIMULI IN
THE EEG OF THE FRONTAL CORTEX IN THE
RABBIT. [1963] [14]p. 29 refs. FASEB manuscript
no. S 273-2.
Order from OTS or SLA \$1.60 63-19391

Trans. of #Fiziologicheskii Zhurnal SSSR, 1962,
v. 48, no. 9, p. 1010-1016.

DESCRIPTORS: *Chlorpromazine, Reflection, *Light,
*Sound, Electroencephalography, *Cerebral cortex,
Rabbits, Brain, Stimulation.

Injection of chlorpromazine into a rabbit in a dose of
3-5 mg/kg leads to suppression of the changes in the
EEG of the frontal region of the cortex in response to
a sound stimulus, while preserving those in response
(Biological Sciences--Pharmacology, TT, v. 10, no. 5)
(over)

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- I. Batuev, A. S.
- II. FASEB S-273-2
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Biology, Washington, D. C.
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Raman-Spectrum Investigation of Some Substituted
Cyclohexanols and Their Acetic Esters, by M. I.
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Optical Investigation of the Conformations of Some
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HISW NIM No 546666

5-46-66

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Jun 66

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Optical Investigation of the Conformations of Acetyl-
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Akhrem, A. D. Matveyeva, 4 pp.

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1959, pp 1038-1041.

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1962, pp. 3457 - 3461

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Raman-Spectrum Investigation of the
Structures of Some 1,2,3-Substituted
1,3-Butadienes, by K. I. Batuev, L. I.
Shmonina, A. D. Natveyeva, 3 pp.

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pp 513-516.

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Contribution to the Question of Conjugation
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1957, pp ~~SIXXX~~ 291-294.

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ON THE QUESTION OF NITRIDING OF MANGANESE.
[1963] 6p 5refs
Order from OTS or SLA \$1.10

63-20130

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii.
[Chernaya Metallurgiya] (USSR) 1962, no. 11, p. 76-79.

DESCRIPTORS: *Manganese, *Hardening, Particle
size, Ammonia, Reaction kinetics, Metallography,
Phase studies.

Investigation of the influence of manganese metal par-
ticle size, temperature and feed gas velocity on the
course of the nitriding process in a stream of ammonia
has shown that feed gas velocity, under conditions of
these tests, has no effect on the reaction rate. A re-
lation between manganese particle size and the gain in
charge weight was developed. It was shown that the
(Metallurgy--Nonferrous Metals, TT, v. 10, no. 12)
(over)

63-20130

1. Title: Nitriding
- I. Batulin, G. I.
- II. Tkachenko, M. S.

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The Evaporational Concentration of Rare Elements
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No 3, 1963, pp 213-223.

OTS 63-11407/3
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